

University of Nebraska - Lincoln

DigitalCommons@University of Nebraska - Lincoln

Publications, etc. -- Nebraska Forest Service

Nebraska Forest Service

November 2010

Guide to Woody Plants of Nebraska

Justin R. Evertson

Nebraska Statewide Arboretum, jevertson1@unl.edu

Kim Todd

University of Nebraska-Lincoln, ktodd2@unl.edu

David Mooter

Nebraska Forest Service

Kate Schumacher

Nebraska Statewide Arboretum

Follow this and additional works at: <https://digitalcommons.unl.edu/nebforestpubs>



Part of the [Forest Sciences Commons](#)

Evertson, Justin R.; Todd, Kim; Mooter, David; and Schumacher, Kate, "Guide to Woody Plants of Nebraska" (2010). *Publications, etc. -- Nebraska Forest Service*. 78.

<https://digitalcommons.unl.edu/nebforestpubs/78>

This Article is brought to you for free and open access by the Nebraska Forest Service at DigitalCommons@University of Nebraska - Lincoln. It has been accepted for inclusion in Publications, etc. -- Nebraska Forest Service by an authorized administrator of DigitalCommons@University of Nebraska - Lincoln.

GUIDE TO WOODY PLANTS OF NEBRASKA

Justin Evertson, Nebraska Statewide Arboretum

Kim Todd, UNL – Horticulture

David Mooter, Nebraska Forest Service

Kate Schumacher, Nebraska Statewide Arboretum

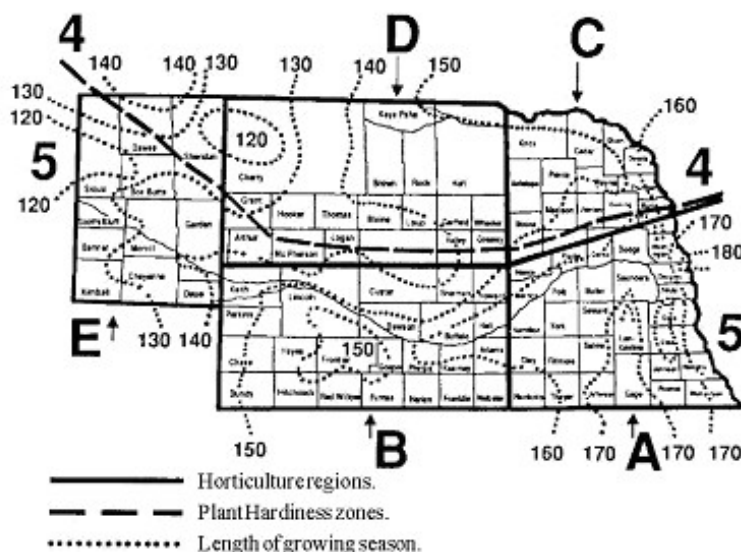
Species diversity is the cornerstone of a healthy community forest. In an effort to increase species diversity, this publication provides a nearly complete list of woody plants that can be grown in Nebraska communities. Each plant is keyed to the hardiness zone map on this page to show where it will grow best in Nebraska. It should be noted, however, that many plants need extra care and protection to survive certain climates. Conversely, many plants may do well outside of their recommended zone if the proper microclimate exists.

This guide describes 11 categories of plants. The height/spread information lists the approximate size, in feet, of the mature plants. These numbers are averages of actual plants measured in Nebraska, or, in the case of some less common or new plants, reasonable estimates of mature size under Nebraska growing conditions.

Cultural conditions are also identified according to the following key:

1. Indicates plants that tolerate wet conditions.
2. Indicates plants that, once established, require some supplemental watering during prolonged dry periods.
3. Indicates plants that require little or no supplemental water once established and are tolerant of moderate drought conditions.
4. Indicates plants that will perform well in the shade.
5. Indicates plants that will perform well in partial shade.
6. Indicates plants that will perform best in full sun.

Plants that will do well in a range of cultural conditions may have several symbols.



Hardiness Zone Map of Nebraska

LARGE DECIDUOUS TREES: OVER 45 FEET AT MATURITY

Scientific Name Common Name	Cultural Conditions		Zone	Remarks
<i>Acer nigrum</i> black maple	3	6	All	Very similar to sugar maple with greater heat and drought tolerance; possibly adaptable to western Neb.; "Greencolumn" is a common cultivar; native to western Iowa; 40' spread.
<i>Acer platanoides</i> Norway maple	2	6	A,B,C	Traditional shade tree; often suffers from scorching and frost cracks; limited success with cultivars in zones D and E; suggested cultivars include: "Deborah" "Emerald Luster" "Emerald Queen" "Erectum" "Schwedleri"
<i>Acer pseudoplatanus</i> planetree maple	2	6	A,B,C	Uncommon in the landscape; 35' spread.
<i>Acer rubrum</i> red maple	2	6	A,B,C	Nice landscape/specimen tree with good fall color; does not tolerate dry soils; 35' spread; choose from hardy cultivars including: "Armstrong" "Northwood" "Red Sunset"
<i>Acer saccharinum</i> silver maple	2	6	All	Native to eastern Neb. waterways; overplanted in eastern Neb.; limited use only; breaks up easily in storms; 70" spread.
<i>Acer saccharum</i> sugar maple	2	6	A,B,C	A beautiful tree when properly sited; some cultivars show promise for the western part of the state; nice fall color; does not tolerate dry soils; 40' spread. Cultivars include: "Bonfire" "Green Mountain" "Legacy"
<i>Acer x freemanii</i> freemanii maple	2,3	6	A,B,C	Red-silver maple cross; may be adaptable to western Neb.; cultivars include: "Celebration" "Autumn Blaze"
<i>Carya cordiformis</i> bitternut hickory	2	5,6	A,B	Needs some protection; fastest growing hickory; good tree for attracting wildlife; native to southeast Neb.; 40' spread.
<i>Carya glabra</i> pignut hickory	2	4,5	A,B	Good nut tree; plant in protected area; tolerates shade; 40' spread.

<i>Carya illinoensis</i> pecan	2	5,6	A,B,C	Under utilized in the landscape; makes a nice yard or street tree; use tested cultivars; “Hican” is a cross with hickory; 30’ spread.
<i>Carya laciniosa</i> shellbark hickory	2	5	A	May need protection; prefers bottomland soils; 40’ spread.
<i>Carya ovata</i> shagbark hickory	2	5,6	A,B	Edible nut; needs protection; distinguishing exfoliating bark; tolerates shade; native to southeastern Neb.; 60’ spread.
<i>Castanea dentata</i> American chestnut	2	6	A,B,C	Nearly extinct in eastern U.S., still a good tree for eastern Neb.; site carefully, spiny fruit; 40’ spread.
<i>Castanea mollissima</i> Chinese chestnut	2	6	A,B	Similar to <i>C. dentata</i> , but lower growing, produces large, edible nuts; messy; site carefully - spiny fruit.
<i>Catalpa speciosa</i> northern catalpa	3	5,6	All	Not for formal landscapes; profuse white flowers in late spring; large seed pods; naturalized in eastern Neb.; grows tall and narrow; 35’ spread.
<i>Celtis laevigata</i> sugar hackberry	1	6	A	Southern relative to common hackberry; less hardy; prefers floodplains and wet areas; 45’ spread.
<i>Celtis occidentalis</i> common hackberry	3	6	All	Excellent tree for urban use and difficult sites; interesting warty bark; native to much of Neb.; sensitive to herbicides; 55’ spread.
<i>Fagus grandifolia</i> American beech	2	5,6	A	Very few in Neb. but can be a beautiful landscape tree; provide some protection; 50’ spread.
<i>Fagus sylvatica</i> European beech	2	5,6	A	Similar to American beech; difficult to grow in Neb.; 40’ spread.
<i>Fraxinus americana</i> white ash	2	6	All	More ornamental than green ash; all ashes are susceptible to insect and disease problems; “Autumn Purple” is a very nice cultivar with purple fall foliage; 40’ spread.
<i>Fraxinus excelsior</i> European ash	2	5	A,B,C	Very uncommon tree with fine foliage; dark green; clean; “Kimberly” is the most common cultivar; 40’ spread.
<i>Fraxinus mandshurica</i> Manchurian ash	3	6	All	Uncommon ash worth trying across Neb.; proven hardy in Colorado; 40’ spread. “Mancana” is a common cultivar.
<i>Fraxinus pennsylvanica</i> green ash “Marshall”s Seedless” “Patmore”	1,3	5,6	All	Native ; avoid heavy clay soils; 40’ spread; suitable cultivars include: Vigorous with fewer insect problems than the species; seedless variety. More upright, uniform and symmetrical than “Marshall”s Seedless”.
<i>Fraxinus quadrangulata</i> blue ash	2	6	All	Interesting tree with square twigs and scaly bark; “True Blue” is a common cultivar.
<i>Gleditsia triacanthos</i> var. <i>inermis</i> thornless honeylocust “Green Glory” “Imperial” “Shademaster” “Skyline”	3	6	All	Fast growing; insect resistant; thornless; native ; 55’ spread; many nice cultivars including: Seedless; retains leaves into the fall; good selection; 55’ spread. Neb. selection; very adaptable; shortest variety; 60’ spread. Very common; seedless; dark green foliage; 55’ spread. More compact; good selection; dark green foliage; 55’ spread.
<i>Gymnocladus dioica</i> Kentucky coffeetree	3	6	All	Nice native tree; large seed pods; pest free; good fall color and coarse winter habit; 55’ spread.

<i>Juglans nigra</i> black walnut	3	6	All	Good native tree for parks and wildlife; site carefully, juglone from roots may inhibit growth of other plants; prefers rich, loamy soil; 55' spread.
<i>Larix decidua</i> common larch	1,2	6	All	Deciduous conifer; unique foliage; prefers consistent moisture and protected site; 30' spread.
<i>Larix kaempferi</i> Japanese larch	2	6	A,B,C	Deciduous conifer; excellent fall color; unique spring flowers; needs early spring protection; 35' spread.
<i>Liquidambar styraciflua</i> Sweetgum	2	6	A	Nice tree with good fall color; unusual spiny fruit; may have die back in severe winters; "Moraine" is a hardier, northern selection; 40' spread.
<i>Liriodendron tulipifera</i> tuliptree (yellow poplar)	2	6	A,B	Unusual tree with tulip-like spring flowers; good in groups; 40' spread.
<i>Platanus occidentalis</i> American sycamore	1,2	6	A,B,C	Majestic native planetree; unusual mottled bark; anthracnose a minor problem in wet springs; grows very tall when sited properly; 75"+ tall by 50' wide.
<i>Platanus x acerifolia</i> London planetree	2	6	A,B,C	Large spreading tree; nice bark; similar to the American sycamore; 70"+ tall by 45' wide.
<i>Populus alba</i> silver poplar	3	6	All	Very hardy, wide spreading tree; dark green leaves with a fuzzy white underside; disease prone with weak wood; use carefully; 50' spread.
<i>Populus balsamifera</i> balsam poplar	2	6	All	Fragrant, resinous buds with strong balsam odor; short lived; 30' spread.
<i>Populus deltoides</i> eastern cottonwood	1,3	6	All	Can grow very large; state tree of Neb.; seedless varieties available including: "Mighty Mo", "Ohio Red" & "Platte", avoid "Siouxland"; 70"+ tall by 60' wide.
<i>Quercus acutissima</i> sawtooth oak	2	6	A,B,C	Eurasian oak with unique, sawtooth leaves; 45' spread.
<i>Quercus alba</i> white oak	2	6	A,B	Slow growing, long-lived tree; good fall color; nearly native to southeastern Neb.; 50' spread.
<i>Quercus bicolor</i> swamp white oak	1,3	6	All	An excellent selection; good on poorly drained or compacted sites; shows chlorosis on high pH soils; 50' spread.
<i>Quercus coccinea</i> scarlet oak	2	6	A,B	Nice fall color; avoid alkaline soils; needs protection; 40' spread.
<i>Quercus imbricaria</i> shingle oak	2	6	A,B,C	One of the nicest oaks; interesting narrow leaves persist into winter; nearly native to southeastern Neb.; 40' spread.
<i>Quercus macrocarpa</i> bur oak	3	6	All	One of finest native trees; majestic; good winter form; very large; good strong branch structure; 55' spread.
<i>Quercus muehlenbergii</i> chinkapin oak	2	6	All	Nice tree that should be planted more; native to southeast Neb.; 45' spread.
<i>Quercus palustris</i> pin oak	2	6	A,B,C	Should be limited to undisturbed acid soils or severe chlorosis may be a problem; 40' spread.
<i>Quercus prinus</i> chestnut oak	2	6	A,B,C	Nice oak for southeast Neb.; fairly fast growing; 45' spread.

<i>Quercus robur</i> English oak	3	6	All	Nice oak with smaller leaves; reasonably fast growing; 45' spread; many cultivars; "Fastigiata" is an upright selection (to 15' wide) with unusual acorn coloration.
<i>Quercus rubra</i> red oak	3	6	All	Excellent fall color; pest resistant; one of the best native oaks; 50' spread.
<i>Quercus shumardii</i> shumard oak	2	6	A,B	Similar to red oak; nice fall color; avoid alkaline soils; 45' spread.
<i>Quercus velutina</i> black oak	2	5,6	A,B	Nice native oak ; lustrous green leaves; prefers rich, well-drained soils; may need protection; 50' spread.
<i>Salix alba</i> white willow	1,2	6	All	Good for wet sites where little else will grow; "Cardinal Red" is a common cultivar; 45' spread.
<i>Salix</i> x " <i>Tristis</i> " Tristis weeping willow	1,2	6	All	The standard weeping willow; good on wet sites; willows are short-lived trees; 45' spread.
<i>Taxodium distichum</i> Baldcypress	1,3	6	A,B,C	Deciduous conifer; good on both wet and dry sites when established; may be more adaptable than previously thought; 30' spread.
<i>Tilia americana</i> American linden	2	6	All	Fragrant flowers in the spring; nice native shade tree; 45' spread. The cultivar "Redmond" is a Nebraska selection of unclear origin; very similar in habit to <i>T. americana</i> .
<i>Tilia cordata</i> littleleaf linden	2	6	All	Small leaves, formal shape; pest resistant; common cultivars include "Chancellor", "Glenhaven" and "Greenspire"; 35' spread.
<i>Tilia platyphyllos</i> bigleaf linden	2	6	A,B,C	Beautiful formal tree; very dense canopy; 45' spread.
<i>Tilia tomentosa</i> silver linden	2	6	A,B,C	Beautiful silver underside to the leaves; 40' spread.
<i>Tilia</i> x <i>euchlora</i> crimean linden	2	6	All	Similar to littleleaf linden; 30' spread.
<i>Ulmus americana</i> American elm	3	6	All	Native tree that was the pride of most Neb. communities until Dutch elm disease nearly wiped it out. New cultivars such as "Liberty" show promise of disease resistance.
<i>Ulmus</i> x " <i>Homestead</i> " homestead elm	3	6	All	Cross between smoothleaf elm and Siberian elm; Dutch elm disease resistant; 45' spread.
<i>Ulmus</i> x " <i>Pioneer</i> " Pioneer elm	3	6	A,B,C	Cross between scotch elm and smoothleaf elm; resistant to Dutch elm disease; growing well in some locations; 50' spread.
<i>Ulmus pumila</i> Siberian elm	3	6	All	Fast growing but messy; short lived without extra attention; over-planted in the past; use only on difficult sites; 50' spread.

MEDIUM DECIDUOUS TREES: 25 - 45 FEET AT MATURITY

Scientific Name Common Name	Cultural Conditions		Zone	Remarks
<i>Acer campestre</i> hedge maple	3	6	A,B,C	Good on dry sites; dark green summer color; look for a northern seed source; good for screening; 25' spread.
<i>Acer grandidentatum</i> bigtooth maple	3	6	All	Small to medium landscape tree with beautiful orange to orange-red fall color; native to the Rocky Mountain region; needs more testing in Neb.; 25' spread.
<i>Acer negundo</i> boxelder maple	3	5	All	Decent park tree; native along creeks; susceptible to storm damage; limited use; "Fleming" is a variegated cultivar; 60' spread.
<i>Aesculus flava (octandra)</i> yellow buckeye	2	6	All	Similar to Ohio buckeye; yellow flowers; smooth fruit; nice pumpkin color in the fall; 35' spread.
<i>Aesculus glabra</i> Ohio buckeye	2	6	All	Nice white flowers in the spring; large prickly fruit; native to S.E. Neb.; 35' spread.
<i>Aesculus hippocastanum</i> horsechestnut	2	6	All	Dark green summer foliage; large, spiny fruit; nice pyramidal form; ABAumannii" is a fruitless cultivar with double white flowers; 40' spread.
<i>Alnus glutinosa</i> common alder	1	5	All	Adaptable to wet sites; cone-like fruit; may winterkill on exposed sites; 35' spread.
<i>Alnus incana</i> white alder	2	5	All	Similar to common alder; short-lived; 30' spread.
<i>Betula nigra</i> river birch	1	6	A,B,C	Excellent tree for multiple purposes; beautiful peeling bark; often chlorotic on disturbed sites; 30' spread.
<i>Betula papyrifera</i> paper birch	2	6	All	White bark; borers a serious problem; can be useful in sheltered areas; "Niobrara" is a native Neb. selection; 40' spread.
<i>Betula pendula</i> European white birch	2	6	All	Lovely weeping habit; white bark; chlorosis and borers are serious problems; short-lived; spread 30'; "Gracilis" is a cutleaf form that grows 20' tall.
<i>Betula platyphylla</i> Asian white birch	2	6	A,B,C	Similar to other white-barked birches; "Whitespire" is a cultivar that has shown good resistance to bronze birch borer; 30' spread.
<i>Carpinus betulus</i> European hornbeam	2	5,6	A,B	Wide variety of cultivated forms; usually an upright formal tree; 30' spread.
<i>Catalpa bignonioides</i> southern catalpa	2	6	A,B	Smaller, less hardy relative of northern catalpa; 30' spread.
<i>Cercidiphyllum japonicum</i> katsuratree	2	5,6	A,B	Lovely spreading tree; has some difficulty in our climate; 40' spread.
<i>Cladrastis kentukea (lutea)</i> American yellowwood	2	5,6	A,B,C	Nice informal tree; profuse white, fragrant flowers in June; 25' spread.

<i>Corylus colurna</i> Turkish filbert or hazel	3	6	All	Good but uncommon landscape tree; prefers well-drained, loamy soil; can withstand hot sites; drought tolerant; 35' spread.
<i>Diospyros virginiana</i> common persimmon	2	5	A,B,C	Nice informal shape; edible fruit; needs protection; 25' spread.
<i>Elaeagnus angustifolia</i> Russian olive	3	6	All	Silver summer leaf color; short-lived; good for difficult sites where little else grows; has invaded Neb. waterways; 25' spread.
<i>Evodia daniellii</i> Korean evodia	2	5,6	A,B,C	Unusual and uncommon tree; compound leaves similar to ash; nice specimens at Arbor Lodge; 25' spread.
<i>Fraxinus nigra</i> black ash	2	6	All	Extremely hardy ash. "Fallgold" is a seedless, clean and disease free form with good golden fall color.
<i>Ginkgo biloba</i> ginkgo (maidenhair tree)	3	6	A,B,C	Very resistant to pests; unusual leaves; male preferred (female seed malodorous); 30' spread; "Sentry" is a columnar variety (10'-15' wide).
<i>Juglans cinerea</i> butternut	2	6	A,B,C	Plant in well-drained, bottomland soil; needs protection in western Neb.; 30' spread.
<i>Juglans regia</i> English walnut	2	6	A,B	Good nut tree for home use; can winterkill in extreme winters; 30' spread.
<i>Koelreuteria paniculata</i> goldenraintree	2	6	A,B	Unusual tree with yellow flowers in late May; prolific raindrop-like yellow fruit in late summer; makes a nice specimen tree; 30' spread.
<i>Larix laricina</i> American larch (tamarack)	2	6	A	Deciduous conifer; excellent fall color; needs protection; 20' spread.
<i>Maclura pomifera</i> Osage-orange (hedge tree)	3	6	A,B,C	Spurs and large fruit; good for wildlife but not an ideal landscape tree; "Park" is a thornless variety more suited to the landscape; 35' spread.
<i>Magnolia acuminata</i> cucumbertree magnolia	2	6	A,B	Unusual tree for Neb.; pale green flowers in the spring; 35' spread.
<i>Morus alba</i> white mulberry	2	5	All	Birds love the fruit; should be limited to wildlife and natural plantings; 45' spread.
<i>Morus rubra</i> red mulberry	2,3	5	All	Native Neb. mulberry; better than white mulberry; limited use recommended; can be invasive and weedy; 45' spread.
<i>Nyssa sylvatica</i> black gum	2	5,6	A	Beautiful fall color; does not tolerate alkaline soils; hard to transplant; 45' spread.
<i>Paulownia tomentosa</i> royal paulownia	2	6	A	Very large simple leaves similar to catalpa; needs protection; more of an oddity than a useful tree; 30' spread.
<i>Phellodendron amurense</i> amur corktree	2,3	5,6	All	A good specimen tree with unusual bark and attractive leaves; 30' spread.
<i>Populus tremuloides</i> quaking aspen	2	6	All	Native to the Pine Ridge area; nice yellow fall color; good as multi-stemmed form; some insect problems common; short-lived; 25' spread.
<i>Prunus sargentii</i> sargent cherry	2	6	All	One of the best large cherry trees for general landscape use; 30' spread.
<i>Prunus serotina</i> black cherry	2	5,6	A,B,C	Good for birds; native to southeastern Neb.; mid-spring flowers and fruit; 25' spread.
<i>Pyrus calleryana</i> callery pear	2	6	A,B,C	Very formal; lustrous dark green leaves; white flowers; good fall color; overplanted. Suitable cultivars include: "Aristocrat", "Chanticleer" and "Redspire"; avoid "Bradford"; 25' spread.

<i>Quercus marilandica</i> blackjack oak	2	6	A,B	Native to southeast Neb.; interesting habit with stout branches; good choice for sandy soils; 25' spread.
<i>Robinia pseudoacacia</i> black locust	3	6	All	Very informal tree; small thorns; fragrant flowers; use on tough sites and for naturalizing; 30' spread.
<i>Salix pentandra</i> laurel willow	1	6	All	Shiny green foliage; good for wet sites; short-lived; 30' spread.
<i>Sophora japonica</i> Japanese pagodatree	2	6	A,B,C	Good summer flowering habit; can die back in severe winters; canker can be a problem; 30' spread.
<i>Sorbus aucuparia</i> European mountainash	2	6	All	Bright orange berries in fall; fireblight can be a severe problem; short-lived; 25' spread.
<i>Sorbus thuringiaca</i> oakleaf mountainash	2	6	All	A nice mountainash with oak-like leaves; seems to be less susceptible to fireblight; 30' spread.
<i>Ulmus parvifolia</i> Chinese elm	3	6	A,B	Unusual mottled bark; can winterkill in Neb.; very nice tree when established; 45' spread.
<i>Ulmus rubra</i> red elm (slippery elm)	2	6	All	Close relative of the American elm; native to eastern Neb.; not readily available; susceptible to Dutch elm disease; 50' spread.
<i>Ulmus thomasii</i> rock elm	2	5	A,B,C	Native to eastern Neb.; very tough wood; not readily available; susceptible to Dutch elm disease; 50' spread.
<i>Zelkova serrata</i> Japanese zelkova	2	5	A,B	Interesting bark; can be susceptible to frost damage and winterkill; closely related to the elm family; 40' spread.

SMALL DECIDUOUS TREES: LESS THAN 25 FEET AT MATURITY

Scientific Name Common Name	Cultural Conditions		Zone	Remarks
<i>Acer glabrum</i> Rocky Mountain maple	3	6	C,D,E	Native to the Pine Ridge area; tolerates alkaline, rocky soils; prefers higher elevations; 25' spread.
<i>Acer griseum</i> paperbark maple	2	5	A,B	Exfoliating bark reveals a trunk of beautiful cinnamon color; 25' spread.
<i>Acer palmatum</i> Japanese maple	2	5	A	Lovely smaller tree; needs protection; 15' spread.
<i>Acer tataricum</i> tatarian maple	3	6	All	Very similar to Amur maple; may be better for western Neb.; 15' spread.
<i>Acer truncatum</i> shantung maple	2	6	All	Lovely spring and fall color; needs protection in western Neb.; 25' spread.
<i>Amelanchier arborea</i> downy serviceberry	2	5,6	All	Large shrub or small tree; showy flowers; seldom seen in Neb.; 15' spread.
<i>Amelanchier</i> × <i>grandiflora</i> apple serviceberry	2	6	All	Nice small tree with edible fruit and good fall color. "Autumn Brilliance" and "Robin Hill" are nice cultivars with good fall color; 15' spread. 1998 Nebraska Tree of the Year.
<i>Asimina triloba</i> common pawpaw	2	4,5	A,B,C	Interesting tree with unusual banana-like fruit and brown-red flowers; cultivar "Sunflower" has better fruit production; 15' spread.
<i>Betula occidentalis</i> water birch	2	5	All	Handsome, reddish brown bark; nice tree; especially good for western Neb.; native to the Pine Ridge area; 25' spread.
<i>Carpinus caroliniana</i> American hornbeam	2	4,5	All	Shade tolerant; understory tree; very interesting, sinewy bark; 20' spread.
<i>Cercis canadensis</i> eastern redbud	2	5	All	Eastern Neb. native with beautiful rosy-pink flowers in early spring; lovely natural habit; prefers some shade; 25' spread.
<i>Chionanthus retusus</i> Chinese fringetree	2	6	A	Small tree or large shrub; showy flowers; seldom seen in Neb.; 15' spread.
<i>Chionanthus virginicus</i> white fringetree	2	6	A,B,C	Similar to <i>C. reusus</i> but hardier; very refined with beautiful, fragrant flowers; needs protection from desiccating winter winds; 15' spread.
<i>Cornus alternifolia</i> pagoda dogwood	2	5	A,B,C	Large shrub or small tree; nice layered habit; prefers some shade; 20' spread.
<i>Cornus florida</i> flowering dogwood	2	5	A	Common in eastern U.S.; limited use in Neb.; must have protection; shade tolerant; 10' spread.
<i>Cornus kousa</i> Kousa dogwood	2	5	A,B	Large shrub or small tree; beautiful when in flower but needs protection in Neb.; hardier than <i>C. florida</i> ; 15' spread.

<i>Cornus mas</i> corneliancherry dogwood	3	6	All	Large shrub or small tree; one of the earliest to flower (yellow); good for foundation plantings; attractive bark; 15' spread.
<i>Cotinus coggygia</i> common smoketree	2	6	A,B,C	Large shrub/tree; showy, smoke-like flowers June through August; limited use; several cultivars with purple leaves and purple-red flowers; 15' spread.
<i>Cotinus obovatus</i> American smoketree	2	6	A,B,C	Similar to <i>C. coggygia</i> ; very ornamental leaves; 15' spread.
<i>Crataegus crusgalli</i> cockspur hawthorn	3	6	All	Very thorny; avoid in areas where children may play; nice flowers and shiny foliage; 20' spread.
<i>Crataegus crusgalli</i> var. <i>inermis</i> thornless cockspur hawthorn	3	6	All	Thornless variety of the species; good throughout the state; 20' spread.
<i>Crataegus laevigata</i> English hawthorn	2	6	A,B,C	Flowers in spring; persistent fruit; "Crimson Cloud" and "Paul's Scarlet" are good cultivars; 20' spread.
<i>Crataegus laevigata</i> var. <i>superba</i> crimson glory hawthorn	2	6	A,B,C	Brilliant crimson flowers; fine texture; unusual upright habit; 20' spread.
<i>Crataegus</i> x <i>lavallei</i> Lavalle hawthorn	2	6	All	Dense crown with orange to red fall color; good screen/border plant; 20' spread.
<i>Crataegus</i> x <i>mordenensis</i> "Snowbird" snowbird hawthorn	2	6	All	"Snowbird" is a selection with double white fragrant flowers in spring; good screen/border plant; 20' spread.
<i>Crataegus phaenopyrum</i> Washington hawthorn	2	6	All	Very thorny; dense crown; nice flowers and showy fruit; good tree for screening and fall color; 25' spread.
<i>Crataegus viridis</i> green hawthorn	2	6	All	"Winterking" is a selection with good fall color and fruit; may need protection in western Neb.; 25' spread.
<i>Euonymus bungeanus</i> winterberry euonymus	3	6	All	Rich pink fruit; very hardy small tree; scale can be a problem; 15' spread.
<i>Hamamelis virginiana</i> common witchhazel	2	56	A,B	Large shrub or small tree; interesting yellow flowers in late fall; needs consistent moisture; 15' spread.
<i>Maackia amurensis</i> Amur maackia	3	6	All	Nice small tree; flowers in late summer; attractive bronze colored bark; 20' spread.
<i>Magnolia</i> x <i>soulangiana</i> saucer magnolia	2	6	A,B,C	One of the best large magnolias for Neb.; large, early white flowers; 25' spread.
<i>Magnolia</i> x <i>loebneri</i> Loebner magnolia	2	6	A,B,C	Finer texture than saucer magnolia; early white flowers; can die back in severe winter; 20' spread. "Dr. Merrill" is a common cultivar.
<i>Malus</i> spp. flowering crabapple	3	6	All	Many crabapple cultivars are available for the landscape. Select from disease resistant varieties that include: "Adams" "Donald Wyman" "Indian Magic" "Indian Summer" "Liset" "Mary Potter" "Pinkspires" "Prairifire" "Red Jade"
				White flowers; red persistent fruit; 15' spread. Clean, green foliage; white flowers; 20' spread. Pink flowers; small persisting orange fruit; 15' spread. Red flowers; good selection; 15' spread. Red flowers; persistent red fruit; purple-green leaves; 15' spread. White flowers; dense crown to 15' tall; 15' spread. Pink flowers with and upright growth habit; 15' spread. Dark pink flowers; upright habit; very disease resistant; 15-20' spread. White flowers; unique weeping habit; to 15' tall; 15' spread.

“Red Snow”				Pink flowers; red persistent fruit; only 10’ tall; 15’ spread.
“Sargent”				White flowers; shorter variety; small fruit; good for wildlife; 10’ spread.
“Snowdrift”				Profuse white flowers; dense crown; small fruit; 20’ spread.
“Sugartyme”				Wine-colored leaves in summer; 20’ spread.
“Tina”				White flowers; very small tree - only 5” tall.
“Velvet Pillar”				Columnar variety with red foliage; disease resistant; 10’ spread.
“White Candle”				White flowers; columnar; makes a nice screen; to 15’ tall; 10’ spread.
“Zumi Calocarpa”				Nice white flowers; 20’ spread.
<i>Metasequoia glyptostroboides</i> dawn redwood	2	6	A	Soft foliage; nice fall color; deciduous conifer; needs consistent moisture; 25’ spread.
<i>Ostrya virginiana</i> hophornbeam	3	5	All	Good native for tough sites; does well in narrow spaces; shade tolerant; 15’ spread.
<i>Parrotia persica</i> Persian parrotia	2	56	A,B,C	Nice tree with good fall color and exfoliating bark; similar to witchhazel; 20’ spread.
<i>Prunus cerasifera</i> Newport purple leaf plum	2	6	All	Purple foliage in the summer; short-lived tree but good while it lasts; 25’ spread. “Newport” is a common cultivar.
<i>Prunus maackii</i> Amur chokecherry	3	6	All	Pyramidal in youth; very nice, shiny, exfoliating bark; 25’ spread.
<i>Prunus padus</i> European birdcherry	2	6	All	One of the earliest to leaf out; good for wildlife; can sucker profusely; “Summer Glow” is a non-suckering cultivar with red-purple leaves; 20’ spread.
<i>Prunus virginiana</i> chokecherry	3	6	All	Nice small native tree; good for wildlife; foliage turns from green to purple; suckering; plant in masses; good for tough sites; 10-15’h x 10-15’w. “Shubert” and “Canada Red Cherry” are common cultivars with wine colored leaves.
<i>Ptelea trifoliata</i> wafer-ash	2	5	All	Small native tree; tolerates shade; 15’ spread.
<i>Quercus gambelii</i> Gambel’s oak	3	6	B,D,E	Large shrub or small tree; thicket forming; good for wildlife; drought tolerant; especially good for western Neb.; 15’ spread.
<i>Robinia neomexicana</i> New Mexico locust	3	6	B,D,E	Large shrub or small tree; thicket forming; nice purple flowers; drought tolerant; similar to black locust but smaller in stature; 15’ spread.
<i>Sassafras albidum</i> common sassafras	2	5	A	Nice fall color; can die back in severe winters; needs protection; 25’ spread.
<i>Syringa pekinensis</i> pekin lilac	3	6	All	Similar to Japanese tree lilac but slightly smaller and more informal; 20’ spread.
<i>Syringa reticulata</i> Japanese tree lilac	3	6	All	Nice, small tree; good in mass or as a screen; white flowers in June; 15’ spread.
<i>Viburnum lentago</i> nannyberry	3	56	All	Nice native plant; usually planted as a large shrub; good fall color; 15’ spread.
<i>Viburnum prunifolium</i> blackhaw viburnum	2	56	All	Similar to <i>V. lentago</i> with smaller leaves and slightly more refined appearance; 15’ spread.
<i>Viburnum rufidulum</i> rusty blackhaw viburnum	2	56	A,B,C	Handsome plant similar to <i>V. prunifolium</i> but with more leathery foliage; 15’ spread.
<i>Xanthoceras sorbifolium</i> shineyleaf yellowhorn	2	5	A,B,C	Tolerant of alkaline soils and cold winters; yellow flowers in May; 25’ spread.

LARGE EVERGREEN TREES: MORE THAN 25 FEET AT MATURITY

Scientific Name Common Name	Cultural Conditions		Zone	Remarks
<i>Abies balsamea</i> balsam fir	2	6	A,B,C	Lovely color; plant in groups; very narrow, to 50' tall; 20' spread.
<i>Abies concolor</i> concolor fir (white fir)	3	6	All	Nice alternative to blue spruce; silver green color; avoid windy sites; to 50' tall; 30' spread.
<i>Picea abies</i> Norway spruce	2	6	All	Stately evergreen with pendulous branches; fairly fast growing; to 50' tall; 35' spread.
<i>Picea engelmannii</i> Engelmann spruce	2	6	All	Not as adaptable as other spruces; 25' spread.
<i>Picea glauca</i> white spruce	2	6	All	More upright than Norway spruce; to 50' tall; 25' spread.
<i>Picea glauca</i> var. <i>densata</i> Black Hills spruce	3	6	All	Native to Black Hills; more compact than the species; slow grower to 40' tall; 25' spread.
<i>Picea omorika</i> Siberian spruce	2	6	All	Graceful tree with drooping branches; needs testing in Neb.; to 50' tall; 25' spread.
<i>Picea pungens</i> Colorado spruce	3	6	All	Variable in color; slow growing; grows quite tall to 60'; does very well across Neb.; 30' spread.
<i>Picea pungens</i> var. <i>glauca</i> Colorado blue spruce	3	6	All	Variety of the species with blue/silver-green foliage; 30' spread. Many nice cultivars including:
"Fat Albert"				Compact, broad-based form; good blue-green color; 30' spread.
"Hoopsii"				Dense, compact form; very blue-white (glaucus) foliage; 20' spread.
"Iseli Foxtail"				Bushy blue twisted new growth; may be more heat tolerant; 20' spread.
"Moerheimii"				Dense, compact, irregular form; nice blue-white foliage; 20' spread.
"Thompsenii"				Symmetrical & compact; nice silver-blue foliage; 20' spread.
<i>Pinus banksiana</i> jack pine	3	6	All	Very unrefined, often shrubby; good on tough, dry, sandy sites; 25' spread.
<i>Pinus bungeana</i> lacebark pine	2	6	A,B,C	Unusual mottled bark; ice and snow can cause breakage; prefers protected sites; 25' spread.
<i>Pinus cembra</i> Swiss stone pine	2	6	All	Picturesque and hardy pine; seldom seen in the landscape; avoid highly alkaline soils; 20' spread.
<i>Pinus flexilis</i> limber pine	3	6	All	Native to Kimball county; soft foliage with flexible branches; nice specimen tree; "Vanderwolf" is a common cultivar with blue coloring; 25' spread.
<i>Pinus koraiensis</i> Korean pine	3	6	All	Seldom seen evergreen; plant as a specimen or in groups; very cold hardy; 20' spread.

<i>Pinus monticola</i> western white pine	3	6	All	Similar to <i>P. strobus</i> ; not a common landscape plant, hard to find; 25' spread.
<i>Pinus nigra</i> Austrian pine	3	6	All	Multiple-use evergreen; susceptible to leaf and tip blight; becoming overplanted; 45' spread.
<i>Pinus ponderosa</i> ponderosa pine	3	6	All	Long needles; more disease resistant than Austrian pine; native to western Neb.; 35' spread.
<i>Pinus resinosa</i> red pine	2	6	A,B,C	Good on north slopes; low survival rate; 30' spread.
<i>Pinus strobiformis</i> southwestern white pine	3	6	A,B,C	Similar to white pine but not as hardy; needs testing in Neb.; 35' spread.
<i>Pinus strobus</i> eastern white pine	2	6	All	A beautiful pine with soft foliage; adaptable to most Neb. communities; avoid windy and open sites; spread 45'. "Fastigiata" is an upright cultivar (about 20' wide).
<i>Pinus sylvestris</i> Scotch pine	3	6	All	Very common landscape tree and Christmas tree; mature tree has nice orange bark; small cones; picturesque crown; avoid sheared "leftover" Christmas trees; 45' spread.
<i>Pseudotsuga menziesii</i> Douglas fir	2	6	All	Very adaptable tree; nice blue color; unusual cones; graceful tree; not a true fir; 35' spread.

MEDIUM AND SMALL EVERGREEN TREES: LESS THAN 25 FEET AT MATURITY

Scientific Name Common Name	Cultural Conditions		Zone	Remarks
<i>Ilex opaca</i> American holly	2	4,6	A	Nice tree-form holly; should only be planted in urban areas with suitable micro-climates; spread 15'.
<i>Juniperus chinensis</i> Chinese juniper	3	6	All	Other cultivars of <i>J. chinensis</i> worth planting include: "Keteleerii" Makes a nice informal screen; spread of 10-15'. "Robusta Green" Brilliant green foliage; handsome, irregular form; 10' spread. "Spartan" Fast, dense grower; rich green color; 10 - 15' spread. "Spear-mint" Dense, upright habit to 15' tall; bright green; 5" spread.
<i>Juniperus scopulorum</i> Rocky Mountain juniper	3	6	All	Drought tolerant native to western Neb.; 10-15' spread; better adapted to western Neb.; many nice cultivars including: "Cologreen" Blue-green foliage; very formal shape; nice tree; 15' spread. "Gray Gleam" Blue-gray foliage holds color well in the winter; 5 -10' spread. "Greenspire" Dense, dark green foliage; tall; very hardy; 5 - 10' spread. "Pathfinder" Blue-silver foliage; extremely hardy and drought tolerant; 10' spread. "Skyrocket" Very narrow, upright form; silvery-blue foliage; 5" spread. "Sutherland" Very attractive silver-green foliage; 10' spread. "Wichita Blue" Blue foliage; upright; does better in western Neb.; 10' spread.
<i>Juniperus virginiana</i> eastern redcedar	3	6	All	Native cedar; good selection for wildlife; susceptible to rust; 10-20' spread; cultivars include: "Canaertii" Irregular form; very picturesque; susceptible to rust; 20' spread. "Hillspire" Dark green foliage on a narrow, pyramidal form; 10' spread. "Manhattan Blue" Compact; nice blue-green foliage; 15' spread. "Taylor" Very narrow; native Neb. selection; obtain through NSA; 5" spread.
<i>Pinus aristata</i> bristlecone pine	3	6	All	Picturesque; slow growing; very drought tolerant; excellent in western Neb.; 15' spread.
<i>Pinus cembroides</i> var. <i>edulis</i> pinyon pine	3	6	All	Edible seeds; very good on dry sites; 20' spread.
<i>Taxus cuspidata</i> Japanese yew	2	5	All	"Capitata" is an upright form; can be pruned for formal appearance; shade tolerant; avoid hot sites; not adaptable to western Neb.; 10' spread.
<i>Taxus x media</i> Anglojap yew	2	5	All	AHicksii" is an upright form; good for formal landscape; shade tolerant; needs more protection in western Neb.; max. ht. 15' and up to a 10' spread.
<i>Thuja occidentalis</i> American arborvitae	2	5	All	Nice evergreen with feathery foliage; susceptible to wind, snow and ice damage; "Mission Hills" (Techy) nice, broad-based cultivar; 10' spread.
<i>Thuja orientalis</i> Oriental arborvitae	2	5	A,B	Needs protection; good for foundation plantings; 10' spread.

<i>Tsuga canadensis</i> Canadian (eastern) hemlock	2	6	A,B	Graceful evergreen; needs protection; moist, well drained sites; 25' spread.
---	---	---	-----	--

EVERGREEN SHRUBS

Scientific Name Common Name	Cultural Conditions	Zone	Remarks
<i>Buxus microphylla</i> var. <i>koreana</i> Korean boxwood	2 4,5	A,B	Formal, low, fine-textured broadleaf evergreen. "Wintergreen" is a good cultivar; 2-3'h x 2-3"w.
<i>Buxus sempervirens</i> common boxwood	2 4,5	A,B	Similar to <i>B. microphylla</i> but not as hardy; needs protection; 4-6' h x 3-5' w.
<i>Euonymus fortunei</i> wintercreeper euonymus	2 5	All	Usually a spreading broadleaf evergreen but "Sarcocie" is a more upright variety; can withstand renewal pruning; 3-4'h x 4-8"w.
<i>Ilex</i> spp. evergreen holly	2 4,5	A,B	There are several hardy evergreen hollies worth considering for protected areas; the Merserve series including "Blue Boy", "Blue Girl", China Boy, China Girl and Blue Stallion are most commonly planted; include a male cultivar to ensure fruit production.
<i>Juniperus chinensis</i> Chinese juniper	3 6	All	Common evergreen landscape shrub; many cultivars available including: "Armstrong" "Mint Julep" "Nick"s Compact" "Pfitzeriana" - Pfitzer "Sargent" "Seagreen"
			Common spreading type. Brilliant mint-green foliage; fountain-like appearance; 4'h x 5"w. Compact variety of Pfitzer; 3'h x 6w. Can grow quite large - typically reaches 6'h x 12"w. Low, spreading habit; blue-green foliage; 2'h 8"w. Cultivated from <i>J. chinensis</i> var. <i>sargentii</i> . Dark green foliage; fountain-like appearance; up to 6'h x 7"w.
<i>Juniperus communis</i> common juniper	3 5,6	All	Very hardy; native to northwest Neb.; tolerates some shade; good on sandy soils and difficult sites; 3-5'h x 8-12"w.
<i>Mahonia aquifolium</i> Oregon grapeholly	2 5	A,B	Holly-like leaves that turn purple-red in the fall; needs protection from winter winds; prefers partial shade; 6'h x 3-5"w; "Compactum" grows to 3' high.
<i>Mahonia repens</i> creeping mahonia	2 5	All	Native evergreen to semi-evergreen; grows to about 1'h; spreads by underground stems; purple leaves in winter.
<i>Picea pungens</i> x " <i>Montgomery</i> " Montgomery Colorado spruce	3 6	All	"Montgomery" is a dwarf form of Colorado spruce; nice blue color; 5-6'h x 6-7"w. "Glaucia Globosa" is a similar dwarf variety growing to about 3'h x 4"w.
<i>Pinus mugo</i> mugo pine	3 6	All	Nice landscape specimen; good alternative to junipers; can get quite large; 12- 20'h x 20'w. Variety "Compacta" will grow up to 4'h x 7"w.
<i>Pyracantha coccinea</i> firethorn	2 5	A,B	Broadleaf evergreen with bright red-orange fruit in the fall; choose a hardy variety; 6-12'h x 6-12"w.
<i>Rhododendron</i> spp. rhododendron cultivars	2 5	A,B,C	Broadleaf evergreen with showy flowers; prefers acid soils; choose from hardy cultivars including the "P.J.M". series, 3-6'h.
<i>Taxus x media</i> Anglojap yew	2 5	A,B,C	Dense, shrub-like form; 3-4'h x 4-5"w; does well in the shade; needs protection to survive in zones D and E. Hardier cultivars include: "Everlow" (2"x4"), "Runyon" (3"x5"), "Sebian" (4"x8"), "Wardl" (4"x10') and "Densiformis" (3"x5").

<i>Thuja occidentalis</i> arborvitae	2	5	All	Several dense, globe shaped cultivars with dark green foliage; plant in protected location; including “Hetz”, “Aurea” and “Canadian Green”; reaches 2-3”h x 2-3”w.
<i>Yucca filamentosa</i> Adam”s needle yucca	2	5	All	Long sword-like evergreen leaves; tall stalk with showy, yellowish-white flowers in the summer.
<i>Yucca glauca</i> soapweed	3	5	All	Long, glaucous green leaves radiate from the center; tall flower spike from July - August; 2-3”h x 3-4”w.

LARGE DECIDUOUS SHRUBS: OVER 10 FEET TALL

Scientific Name Common Name	Cultural Conditions		Zone	Remarks
<i>Acer ginnala</i> Amur maple	3	6	All	One of the best small trees for Neb.; good fall color and drought tolerant; often multi-stemmed; can show chlorosis on high pH soils; 20' spread; "Flame" is a more compact cultivar with outstanding fall color; "Red Wing" has nice red fruit; "Bailey's Compact" is slightly smaller growing 8-12"h x 8-12"w.
<i>Amelanchier alnifolia</i> Saskatoon serviceberry	2	5,6	All	Native to Neb.; tolerates alkaline soils; good for natural landscapes and attracting wildlife; 8-12"h x 8-10' w.
<i>Amelanchier arborea</i> downy serviceberry	2	5,6	All	Very large shrub or small tree; good in groups and for wildlife; good fall color; 18" spread.
<i>Amelanchier canadensis</i> shadblow serviceberry	1	5,6	A,B,C	Naturalistic planting; spring bloom; good fall color; edible fruit; moist sites; 10-20'h x 10-20' w.
<i>Amorpha frutcosa</i> indigobush amorpha	1,3	6	All	Native Neb. plant; good for tough sites where little else grows; 10-12"h x 8-10' w.
<i>Buddleia alternifolia</i> alternate-leaf butterflybush	2	6	A,B,C	Leggy shrub that is herbaceous in Neb.; showy purple flowers in August are very attractive to butterflies; 6-10' h x 8-10' w.
<i>Caragana arborescens</i> Siberian peashrub	3	6	All	Good on difficult sites; many cultivars including smaller ones; 15-20'h x 12-18"w.
<i>Cercocarpus ledifolius</i> curl-leaf mountain mahogany	3	6	C,D,E	Semi-evergreen; very cold hardy; better suited to western Neb.; 10-12"h x 6-10' w.
<i>Chionanthus retusus</i> Chinese fringetree	2	6	A	Small tree or large shrub; showy flowers; seldom seen in Neb.; 15' spread.
<i>Chionanthus virginicus</i> white fringetree	2	6	A,B,C	Similar to <i>C. reusus</i> but hardier; very refined with beautiful, fragrant flowers; needs protection from desiccating winter winds; 15' spread.
<i>Cornus kousa</i> Kousa dogwood	2	5	A,B	Large shrub or small tree; beautiful when in flower but needs protection in Neb.; hardier than <i>C. florida</i> ; 15' spread.
<i>Cornus mas</i> corneliancherry dogwood	3	6	All	Large shrub or small tree; early yellow flowers; good for foundation plantings; attractive bark; 12-18"h x 10-15' w.
<i>Cornus racemosa</i> gray dogwood	3	5,6	All	Native ; sprouts from the roots; good for wildlife; purple fall color; 8-12"h x 10-12"w.
<i>Corylus americana</i> American hazelnut	2	5,6	All	Edible nut; unusual flower; good for natural appearance; 10-12"h x 8-10' w.
<i>Cotinus coggygia</i> common smoketree	2	6	A,B,C	Large shrub/small tree; showy, smoke-like flowers from June to August; limited use; 10-15'h x 10-15' w.
<i>Cotinus obovatus</i> American smoketree	2	6	A,B,C	Large shrub or small tree; very ornamental leaves, bark and smoke-like flowers; 15-25'h x 10-20' w.

<i>Euonymus alatus</i> winged euonymus	2	4,6	All	Good in hedges or groups; nice red fall color and winter form; 8-12”h x 7-10’ w; “Compactus” is a slightly smaller form.
<i>Euonymus atropurpureus</i> eastern wahoo	2	6	All	Nice native small tree or shrub; unusual red fruit and fall color; 10-15’ h by 8-12” w.
<i>Euonymus bunganus</i> winterberry euonymus	3	6	All	Large shrub or small tree; scale can be a problem; good on difficult sites; 10-18”h x 12-20’ w.
<i>Exochorda spp.</i> pearlbush	2	5,6	All	Plants are covered with showy flowers in the spring; “The Bride” is a cultivar with blue-green foliage and pearl-like buds; 10-12”h x 10-12” w.
<i>Hamamelis virginiana</i> common witchhazel	2	5,6	A,B,C	Unique large shrub or small tree that flowers in late fall (November and December); needs consistent moisture; 10-14”h x 12-15’ w.
<i>Hippophae rhamnoides</i> sea buckthorn	2	6	All	A hardy shrub; tolerant of poor soil and sea spray; silver foliage; 8-12”h x 10-15’ w.
<i>Hydrangea paniculata</i> panicle hydrangea	2	5,6	All	Large shrub or small tree; very coarse with large white flowers; use with discretion; 10-15’h x 10-12”w; “Grandiflora” or “PeeGee” are common cultivars with very full blooms.
<i>Ligustrum amurense</i> Amur privet	3	6	All	Common hedge plant; withstands frequent and severe pruning; good for screens; 10-15’h x 8-12”w.
<i>Ligustrum obtusifolium</i> border privet	3	5	A,B	Commonly used border shrub; good for screens and hedges; 10-12”h x 8-10’ w.
<i>Lonicera maackii</i> Amur honeysuckle	2	5,6	All	White flowers; very large; 10-12”h x 8-10’ w.
<i>Lonicera tatarica</i> tatarian honeysuckle	2	6	All	Pink white flowers; aphids can be a problem making it inferior to most shrubs; 8-12”h x 10-15’ w.
<i>Prunus americana</i> American plum	3	6	All	Large shrub or small tree; suckering; plant in masses; good for difficult sites and attracting wildlife; 10-15’h x 10-20’ w.
<i>Prunus tomentosa</i> nanking cherry	2	6	All	Early white, fragrant flowers (mid-April); shiny, exfoliating bark; good in groups; makes a good windbreak; 8-12”h x 10-15’ w.
<i>Prunus virginiana</i> chokecherry	3	6	All	Large shrub or small tree; suckering; plant in masses; good for tough sites; 10-15’h x 10-15’ w. “Canada Red Cherry” is a common cultivar with wine colored leaves.
<i>Quercus gambelii</i> Gambel’s oak	3	6	B,D,E	Large shrub or small tree; thicket forming; good for wildlife; drought tolerant; 8-15’h x 10-15’ w.
<i>Rhamnus cathartica</i> common buckthorn	3	5,6	All	Good as a screen/border; good in difficult sites; 12-18”h x 12-18”w.
<i>Rhamnus frangula</i> glossy buckthorn	3	5,6	All	Large gangly shrub with lustrous, dark green leaves; 8-12”h x 4-12”w. “Asplenifolia” is a narrow cultivar with very narrow and irregular leaves - much better than the species. “Columnaris” is a very narrow type that makes a nice, dense screen (10-12”h x 4-6”w), often referred to as tallhedge buckthorn.
<i>Rhus copallina</i> flameleaf (shining) sumac	3	6	A,B,C	Picturesque plant with good red fall color; least hardy of the sumacs for Neb.; reaches 10-15’h x 10-15’ w.
<i>Rhus glabra</i> smooth sumac	3	6	All	Spreads from the roots; hardy; good fall color; 8-12”h x 6-12”w.

<i>Rhus typhina</i> staghorn sumac	3	6	All	Prominent seed heads; good fall color; suckers profusely; “Laciniata” is an ornamental variety with cut-leaf foliage; 12-18”h x 10-20’w.
<i>Robinia neomexicana</i> New Mexico locust	3	6	B,D,E	Large shrub or small tree; thicket forming; nice purple flowers; drought tolerant; 10-12”h x 10-12”w.
<i>Syringa vulgaris</i> common lilac	3	6	All	Fragrant flowers; many nice cultivars to choose from; 8-12”h x 8-12”w.
<i>Viburnum lantana</i> wayfaringtree	3	5	All	Good on hot sites; excellent fruit; “Mohican” is a compact cultivar (8” by 8”) with thick, dark green leaves and showy orange-red fruit; 10-15’h x 10-15’w.
<i>Viburnum lentago</i> nannyberry	3	5,6	All	Nice, native Neb. plant; fast growing and spreading; nice fall color; good in mass; 12-16”h x 6-10’w.
<i>Viburnum opulus</i> European cranberrybush viburnum	3	5,6	All	Vary adaptable viburnum; course texture; nice white flowers in May. Variety “Roseum” is the common snowball viburnum with large, showy flowers in May; aphids can be a problem; 8-14”h x 10-15’w.
<i>Viburnum plicatum</i> var. <i>tomentosum</i> doublefile viburnum	2	5,6	All	Lovely flowering viburnum; can be a very large plant; “Mariesii” is a common cultivar with magnificent flowers; some dieback in severe winters 8-12”h x 10-12”w.
<i>Viburnum prunifolium</i> blackhaw viburnum	3	5,6	All	Somewhat irregular in form; nice fall color; good when single stemmed; 12-15’h x 8-12”w.
<i>Viburnum rufidulum</i> rusty blackhaw viburnum	2	5,6	A,B,C	Handsome plant similar to <i>V. prunifolium</i> but with more leathery foliage; 15’ spread.
<i>Viburnum sargentii</i> sargent viburnum	2	5,6	All	Similar to <i>V. opulus</i> but more open; resistant to aphids; very coarse texture; 12-15’h x 12-15’w. “Onondaga” is a very nice 6-8” selection with good flowers and fall color.
<i>Viburnum sieboldii</i> siebold viburnum	2	5,6	All	Nice specimen; almost tree-like; very coarse; 12-18”h x 10-15’w.
<i>Viburnum trilobum</i> American cranberrybush viburnum	2	5,6	All	Better fall color and fewer aphid problems than <i>V. opulus</i> ; very coarse; nice white flowers in May. Variety “Wentworth” was selected for its excellent fruit and fall color; 8-12”h x 8-12”w.

MEDIUM DECIDUOUS SHRUBS: 5 TO 10 FEET TALL

Scientific Name Common Name	Cultural Conditions		Zone	Remarks
<i>Acanthopanax x sieboldianus</i> fiveleaf aralia	3	5,6	All	Good on dry sites; thorny barrier; 5-10'h x 8-10'w.
<i>Aesculus parviflora</i> bottlebrush buckeye	2	5,6	A,B,C	Beautiful multi-stemmed flowering shrub with foliage like Ohio buckeye; 8-10'h x 8-10'w.
<i>Amelanchier alnifolia</i> "Regent" regent serviceberry	2	5,6	All	Excellent foliage and fruit; good for wildlife; 6-8'h x 6-8" w.
<i>Aronia arbutifolia</i> red chokeberry	2	5,6	A,B,C	Dark green leaves turning to red in the fall. "Brilliantissima" is a variety with lustrous green leaves, good fall color and better fruit; 6-8'h x 3-5" w.
<i>Aronia melanocarpa</i> black chokeberry	3	5,6	All	Very nice shrub; adaptable from dry to wet sites; red fall color and showy black berries; 4-6'h x 3-5" w. 1998 Nebraska Shrub of the Year.
<i>Berberis x mentorensis</i> mentor barberry	3	5,6	All	A nice hedge shrub; has sharp thorns; can winter kill; 4-6'h x 5-6" w.
<i>Calycanthus floridus</i> Carolina allspice	2	4,6	A,B	Nice shrub with interesting, fragrant flowers; needs protection in Neb.; 5-7'h x 5-8" w.
<i>Cephalanthus occidentalis</i> buttonbush	2	5,6	A,B	Unusual plant with coarse winter texture, globular flowers and interesting nutlet fruit from which it derives its name; 4-8'h x 4-8" w.
<i>Cercocarpus montanus</i> mountain mahogany	3	6	All	Native to western Neb.; semi-evergreen; very thick, interesting leaves; 5-7'h x 4-6" w.
<i>Chaenomeles speciosa</i> flowering quince	3	5,6	A,B,C	Thorny plant with red or white flowers in April; trash collector; 5-7'h x 4-6" w.
<i>Chrysothamnus nauseosus</i> rabbit brush	3	6	All	A dense native to western Neb. shrub; drought tolerant; good for difficult sites and native plantings; 5-6'h x 4-5" w.
<i>Clethra alnifolia</i> summersweet clethra	2	5,6	All	Nice plant for summer flower; underutilized in the landscape; 4-6'h x 4-6" w.
<i>Cornus alba</i> tatarian dogwood	2	5	All	Red stem in the winter; similar to redosier dogwood. "Variegata" is a common cultivar with variegated leaves - use with discretion; 7-10'h x 8-12" w.
<i>Cornus sericea</i> redosier (redtwig) dogwood	3	6	All	Red stems add winter color; good for wildlife; 7-9'h x 8-10'w. "Isanti" is a compact form; bright red stems for winter color; 4-6'h x 5-7" w.
<i>Cotoneaster acutifolia</i> Peking cotoneaster	3	5,6	All	Good for windbreaks and wildlife plantings; red fall color; 7-10'h x 8-10'w.
<i>Cotoneaster divaricatus</i> spreading cotoneaster	3	5,6	All	One of the best shrubs for Neb.; good foundation plant; fine texture; good for wildlife; 4-6'h x 5-8" w.
<i>Cotoneaster lucidus</i> hedge cotoneaster	3	5,6	All	Upright habit makes it useful as a hedge; 7-10'h x 5-7" w.

<i>Forsythia x intermedia</i> showy border forsythia	3	6	All	Yellow flowers in early spring ; use hardy northern selections; 7-10h x 8-12”w.
“Meadowlark”				A hybrid with improved bud hardiness; early bloom; makes an attractive screen; 6-8”h x 6-10’w.
“Northern Sun”				Hybrid with hardy flower buds; 6-10’h x 8-12”w.
<i>Hamamelis vernalis</i> vernal witchhazel	2	5	A,B,C	Interesting plant with yellow-red flowers that bloom in late winter (February to March); 5-8”h x 6-10’w.
<i>Hibiscus syriacus</i> Rose-of-Sharon	2	6	A,B,C	Nice, late season flowers on an upright plant; choose a hardy cultivar. 4-8”h x 3-5”w.
<i>Ilex verticillata</i> winterberry	2	5	A,B,C	Good plant for wet areas; excellent in mass; prefers acid soils; need male and female plants to set fruit; reaches 6-10’h x 6-10’w; choose hardy cultivars like “Apollo”, “Sparkleberry”, and “Winter Red”.
<i>Ligustrum vulgare</i> privet	3	5	All	Large hedge; showy flowers and fruit; reaches 8-10’h x 8-10’w; “Cheyenne” is a common cultivar.
<i>Magnolia stellata</i> star magnolia	2	5,6	A,B	Fragrant white flowers; excellent spring color; beautiful plant for southeast Neb.; 5-8”h x 5-8”w.
<i>Philadelphus spp.</i> mockorange	2	6	All	Old fashioned shrubs planted for fragrance; wide size range from 3-10’h x 3-10’w; choose from improved cultivars including “Minnesota Snowflake” and “Miniature Snowflake”.
<i>Physocarpus opulifolius</i> common ninebark	3	5,6	All	Upright spreading shrub with exfoliating bark; 6-8”h x 6-8”w. “Dart”’s Golden” is a compact cultivar with yellow-green foliage; 6”h x 6”w. Var. <i>intermedius</i> is a low growing, fine textured form (4”x4”); native to the Black Hills.
<i>Prunus besseyi</i> sand cherry	3	6	All	Native to the Sandhills and western Neb.; profuse white flowers; suckering; good fruiting shrub for tough sites; 4-6”h x 6-8”w.
<i>Rhus aromatica</i> fragrant sumac	3	6	All	Good for stabilizing banks; good fall color and wildlife habitat; native ; 4-6”h x 5-8”w.
<i>Rhus trilobata</i> skunkbush sumac	2	6	All	Closely related to fragrant sumac; good on calcareous soils and for screening; native to western Neb.; 3-6”h x 5-8”w.
<i>Ribes aureum</i> golden currant	3	5,6	All	Hardy native shrub with fragrant yellow flowers in spring; 5-6”w x 5-6”h.
<i>Ribes odoratum</i> clove currant	3	5,6	All	Very fragrant, yellow flowers in early April; takes on a ragged appearance with age; native to Neb.; 5-6”h x 5-6”w.
<i>Rosa foetida</i> brier rose	2	6	All	“Bicolor” (Austrian Copper) is a very old, hardy rose; brilliant copper-red flowers in May-June; 5-6”h x 4-5”w; “Persiana” is a cultivar with double yellow flowers.
<i>Rosa virginiana</i> Virginia rose	2	6	All	One of the best shrub roses for year-around interest; 4-6”h x 5-7”w.
<i>Rosa woodsii</i> wild rose	3	6	All	Native rose; good for naturalized plantings and erosion control; 5-6”h x 5-8” w.
<i>Sambucus canadensis</i> American elder (elderberry)	2	6	All	Good plant for naturalized areas; fruit is good for jellies and attracting birds; 5-12”h x 8-15’w.

<i>Shepherdia argentea</i> silver buffaloberry	3	6	All	Good on poor sites and rough areas; ornamental silver foliage; 6-10'h x 6-10'w.
<i>Shepherdia canadensis</i> russet buffaloberry	3	6	All	Silver foliage; very cold tolerant; 5-8"h x 5-8"w.
<i>Spiraea x vanhouttei</i> Vanhoutte spirea	2	6	All	Nice white flowers; can spread to 12"; good for parking lot screen; 6-8"h x 6-8"w.
<i>Syringa meyeri</i> meyer lilac	3	6	All	Dense, neat and good for uniform outline in summer and winter; spectacular flowers; often referred to as Dwarf Korean Lilac; 5-6"h x 5-6"w.
<i>Syringa microphylla</i> littleleaf lilac	2	6	All	Fragrant flowers; fine texture; similar to Meyer lilac; 6-8"h x 6-10'w.
<i>Syringa patula</i> manchurian lilac	3	6	All	Lilac-purple flowers; a very good small lilac for Neb.; 5-7"h x 5-6"w; "Miss Kim" is a common cultivar (3"x3") with icy blue flowers.
<i>Syringa persica</i> Persian lilac	3	6	All	Purple flowers; nice small lilac; 6-8"h x 6-10'w.
<i>Syringa villosa</i> late lilac	3	6	All	Flowers later than other lilacs, usually around late May or early June; 6-8"h x 6-8"w.
<i>Viburnum x burkwoodii</i> burkwood viburnum	2	5,6	A,B,C	White aromatic flowers; glossy green leaves; "Mohawk" is a nice cultivar with heavy fragrance and ornamental flower heads; 8-10'h x 5-8"w.
<i>Viburnum x carlcephalum</i> fragrant viburnum	2	5,6	A,B,C	One of the most fragrant viburnums; not as refined as <i>V. carlesii</i> or <i>V. juddii</i> ; 6-10'h x 6-10'w.
<i>Viburnum carlesii</i> koreanspice viburnum	2	4,6	All	Very fragrant flowers; smaller viburnum; shade tolerant; needs protection in western Neb.; 4-6"h x 4-6"w.
<i>Viburnum dentatum</i> arrowwood viburnum	3	5	All	Beautiful dense form; tall and wide; "Chicago Lustre" is a good cultivar; 8-10'h x 8-12"w.
<i>Viburnum x juddii</i> judd viburnum	2	5	All	Very fragrant selection; may be superior to <i>V. carlesii</i> in Neb.; may need protection in western Neb.; 6-8"h x 6-10'w.
<i>Viburnum opulus</i> "Compactum" compact European cranberrybush viburnum	2	5	All	Dense, compact form that is superior to the species; course texture; 5-7"h x 5-7"w.
<i>Viburnum x rhytidophylloides</i> lantaphyllum viburnum	2	5	All	Outstanding selection with very dark green, leather-like and semi-evergreen leaves; showy fruit/flowers; 4-6"h x 4-6"w. "Alleghany" and "Willowwood" are common cultivars.
<i>Viburnum setigerum</i> tea viburnum	2	4,6	A,B	Leggy viburnum with good fruit; once used for making tea; 6-10'h x 5-8"w.
<i>Viburnum trilobum</i> "Compactum" American cranberrybush	2	5	All	Excellent compact form of the species with good flower and fruit characteristics; very course. "Alfredo" is similar but with a denser, broader habit and nice red fall color. Both selections are superior to <i>V. opulus</i> types; 4-6"h x 4-6"w.
<i>Weigela florida</i> var. <i>venusta</i> old-fashioned weigela	2	5	All	Good foundation plant with nice lavender flowers that bloom all summer; poor winter form; choose a hardy cultivar; 5-8"h x 6-10'w; many dwarf cultivars available.

SMALL DECIDUOUS SHRUBS: LESS THAN 5 FEET TALL

Scientific Name Common Name	Cultural Conditions		Zone	Remarks
<i>Amorpha canescens</i> lead plant	3	6	All	Beautiful silver-gray foliage; good in combination with <i>Cercocarpus</i> species; excellent in the perennial garden; 3-4"h x 3-4"w.
<i>Amorpha nana</i> fragrant false indigo	3	5	All	Blue-green foliage; drought tolerant; most restrained <i>Amorpha</i> ; 3-4"h x 3-4"w.
<i>Berberis koreana</i> Korean barberry	3	5	All	Dark green foliage changing to reddish purple in fall; spiny; good barrier plant; 3-4"h x 3-4"w.
<i>Berberis thunbergii</i> Japanese barberry	3	4,6	All	Multiple use shrub; very thorny; "Kobold" is a good cultivar; var. <i>atropurpurea</i> "Redleaf" has red leaves through the summer and "Crimson Pygmy" is a nice, compact form with purple foliage; 2-3"h x 2-3"w.
<i>Cornus sericea</i> "Kelseyi" redtwig dogwood	3	6	All	Low growing, compact form of the species; tolerates some shade; 1-2"h x 2-3"w.
<i>Cotoneaster apiculatus</i> cranberry cotoneaster	3	6	All	Low and wide spreading; often good fruit display; fire blight can be a problem; 2-3"h x 4-6"w.
<i>Forsythia viridissima</i> "Bronxensis" Bronx forsythia	3	6	All	Compact form; flowering is unreliable; 1-2"h x 2-4"w.
<i>Hydrangea arborescens</i> smooth hydrangea	2	5,6	All	Interesting shrub with large, showy flowers on long stems; should be treated as a perennial in Neb.; 3-4"h x 3-4"w. "Annabelle" is a cultivar with very large flowers (up to 1" across).
<i>Hydrangea quercifolia</i> oakleaf hydrangea	2	4,6	A,B	Very coarse shrub that often acts herbaceous in Neb.; interesting flaky bark; nice flower effect; 4-6"h x 4-6"w.
<i>Hypericum frondosum</i> golden St. Johnswort	2	6	A,B	Beautiful yellow flowers June through August; treat as a herbaceous plant; does well in protected locations with afternoon and evening sun; "Sunburst" is a proven cultivar; 2-3"h x 2-3" w.
<i>Hypericum kalmianum</i> kalm St. Johnswort	2	5	All	Yellow flowers on blue-green foliage; dense, uniform habit with fine twigs 2-3"h and 3-4"w.
<i>Hypericum prolificum</i> shrubby St. Johnswort	2	5,6	All	Good summer color from yellow flowers; good substitute for potentilla in eastern Neb.; 3-4"h x 3-4"w.
<i>Lonicera xylosteum</i> "Emerald Mound" emerald mound honeysuckle	3	5	All	Fine low growing shrub; 2-4"h x 3-5"w.
<i>Physocarpus opulifolius</i> "Nanus" dwarf ninebark	3	6	All	Dwarf form of the species; white or pink; 3-4"h x 3-5"w.
<i>Potentilla fruticosa</i> bush cinquefoil (potentilla)	3	6	All	Small shrub with yellow flowers that bloom all summer; performs better in western Neb.; 2-4"h x 3-4"w. Cultivars include "Abbottswood" and "McKay"s White, (white flowers); "Gold Drop", "Jackman" and "Katherine Dykes", (yellow flowers).

<i>Rhododendron spp.</i> azalea and rhododendron	2	4	A,B	Several varieties of azaleas and rhododendrons can be grown in eastern Neb. These plants are grown for their spectacular spring blooms and are either evergreen (rhododendrons) or deciduous (azaleas). Both need a shady, protected location with acid soils. The soil and care requirements make these a poor choice for low maintenance landscapes. Select hardy varieties such as the “P.J.M” and “Northern Lights” series.
<i>Rhus aromatica</i> “Gro-Low” fragrant sumac	3	6	All	Nice, low-spreading cultivar; good as a ground cover; 2-3”h x 8-12”w.
<i>Ribes alpinum</i> alpine currant	3	4	All	Very cold tolerant; shade tolerant; dwarf cultivars available; 2-4”h x 3-5”w.
<i>Rosa blanda</i> meadow rose	3	6	All	Light pink flowers; bright, showy fruit adds winter interest; suckering; very hardy; 3-4”h x 3-4”w.
<i>Rosa</i> x “Nearly Wild” nearly wild rose	3	6	All	Pink flowers; good in mass plantings; 2-4”h x 3-5”w.
<i>Rosa rugosa</i> rugosa rose	3	6		Beautiful flowers; nice red fruit; may be the best shrub species for landscape use; many nice cultivars including: “Albo-plena” “Blanc Double de” “Frau Dagmar Hastrup” “Topaz Jewel” White flowers; no fruit; 3-4”h x 3-4”w. Double white flowers; very fragrant; 4-5”h x 3-5”w. Prolific bloomer; light pink flowers; very large, red fruit; 2-4”h x 3-5”w. Double yellow flowers that bloom all summer; 3-5”h x 5-6”w.
<i>Rosa setigera</i> prairie rose	3	6	All	Good flowers; spreading natural rose with good fruit and fall color; best in naturalized settings, along roadways; 3-4”h x 6-10”w.
<i>Sorbaria sorbifolia</i> Ural falsespirea	2	6	All	Foliage similar to mountainash; good in groups for bank stabilization; 3-5”h x 5-10”w.
<i>Spiraea</i> x <i>arguta</i> garland spirea	2	6	All	Profuse white flowers in May; fine texture; 4-5”h x 4-5”w.
<i>Spiraea xbumalda</i> Bumald spirea	2	6	All	One of the most popular shrubs for general landscape use; formal appearance; flowers in late May to June; 2-4”h x 3-5”w; many cultivars available including: “Froebelii”, “Crispa” and “Anthony Waterer”.
<i>Spiraea</i> x <i>cinerea</i> “Grefsheim” Grefsheim spirea	2	6	All	Profuse white flowers in April; superior to <i>S. x arguta</i> ; nice plant but little known; 3-5”h x 4-6”w.
<i>Spiraea</i> x <i>fritschiana</i> fritschiana spirea	3	6	All	White flowers in May-June; compact; very hardy; good for tough sites, 2-3”h x 3-4”w.
<i>Spiraea japonica</i> Japanese spirea	2	6	All	Quite variable with many suitable cultivars; “Little Princess” is a dwarf mound with pink flowers; good as groundcover or small hedge; 1-2”h x 2-3”w.
<i>Spiraea nipponica</i> “Snowmound” snowmound spirea	2	6	All	Profuse white flowers; blue-green foliage; better form and habit than <i>S. x vanhouttei</i> ; 3-4”h x 3-4”w.
<i>Spiraea</i> x “Snow White” snow white spirea	2	6	All	Nice white flowers in May; 3-4”h and 4-5”w.
<i>Spiraea trilobata</i> threelobe spirea	3	6	All	Similar to <i>S. x vanhouttei</i> but slightly smaller; profuse white flowers in May; 4-5”h x 5-6”w.

<i>Symphoricarpos albus</i> snowberry	3	4,6	All	Good for a mass planting effect and white fruit; shade tolerant; native to western Neb.; 2-4”h x 3-6”w.
<i>Symphoricarpos occidentalis</i> western snowberry	3	4,6	All	Very similar to <i>S. alba</i> but slightly larger; fruit set not quite as reliable; native ; 3-4”h x 3-6”w.
<i>Symphoricarpos orbiculatus</i> indiancurrent coralberry	3	4,6	All	Purple-red coralberries along stems; yellow-white flowers; shade tolerant; 2-4”h x 3-8”w.
<i>Symphoricarpos</i> x <i>chenaultii</i> chenault coralberry	3	4,6	All	Good natural appearing spreader; pink fruit and flowers; shade tolerant; 2-4”h x 3-8”w. “Hancock” is a beautiful, low growing cultivar (2”h x 2”w).
<i>Viburnum opulus</i> “Nanum” dwarf European cranberrybush viburnum	2	5	All	Dwarf form of the species; seldom flowers; good filler plant; 2-3”h x 2-3”w.

GROUND COVERS

Scientific Name Common Name	Cultural Conditions		Zone	Remarks
<i>Cotoneaster adpressus</i> creeping cotoneaster	3	6	All	Similar to <i>C. horizontalis</i> ; showy dark fruit in late summer; 12 - 18@h x 4-6"w.
<i>Cotoneaster dammeri</i> bearberry cotoneaster	3	6	A,B,C	Nice semi-evergreen cover; 1"h x up to 10' w; "Coral Beauty" and "Skogholm" are popular cultivars.
<i>Cotoneaster horizontalis</i> rockspray cotoneaster	3	6	All	Excellent glossy dark green foliage; leaves hold until late fall; 2 - 3"h x 8 - 10'w.
<i>Euonymus fortunei</i> wintercreeper euonymus	2	4,6	All	Broadleaf evergreen; will need winter protection in west Neb.; 6@- 12@h and spreads widely; many cultivars available.
<i>Forsythia viridissima</i> "Bronxensis" Bronx forsythia	3	6	A,B,C	Shrub-like ground cover; flower buds often killed during winter; poor winter appearance; 1 - 2"h x 2 - 4"w.
<i>Juniperus chinensis</i> var. <i>sargentii</i> sargent juniper	3	6	All	One of the best spreading junipers; gray-green foliage; 18@ - 2"h x up to 8"w.
<i>Juniperus horizontalis</i> creeping juniper	3	6	All	Low spreading evergreen;; good for difficult sites; 6@ - 2"h x up to 10'w; many nice cultivars including: "Bar Harbor" "Blue Chip" "Wilton Carpet" "Andorra" "Prince of Wales"
<i>Juniperus procumbens</i> japgarden juniper	3	6	All	Nice ground cover; blue-green; very slow growing; may be difficult to establish; 6@- 2"h x up to 10'w.
<i>Juniperus sabina</i> savin juniper	3	6	All	Bright green; 18 - 24@h x 10'w or more; good cultivars include "Broadmoor" and "Buffalo".
<i>Juniperus sabina</i> var. <i>tamariscifolia</i> tam juniper	3	6	All	Similar to "Broadmoor"; bluish green 2"h x 10'w.
<i>Mahonia repens</i> creeping mahonia	2	5	All	Native evergreen to semi-evergreen; spreads by underground stems; purple leaves in winter; about 1"h.
<i>Potentilla tabernaemontani</i> dwarf potentilla	3	6	All	Deciduous ground cover that forms low growing mats; prefers partial shade; may be better suited to western Neb; 3 - 6@h.
<i>Rosa wichuraiana</i> memorial rose	3	6	A,B,C	Low, sprawling rose; covered with white flowers in June; 12@h.
<i>Rosa</i> "Red Cascade" red cascade rose	3	6	All	Produces red flowers from June to October; 12@h.
<i>Vinca minor</i>	2	4	All	Excellent ground cover; handsome flowers and foliage; does best in shade

common periwinkle

but will perform well in sunny areas; 6@h x 2"w.

VINES

Scientific Name Common Name	Cultural Conditions		Zone	Remarks
<i>Akebia quinata</i> fiveleaf akebia	3	5	A,B	Fast growing; twining; new leaves have purplish tinge; purplish flowers in spring but somewhat obscured; will reach about 40' at maturity.
<i>Ampelopsis brevipedunculata</i> porcelain ampelopsis	2	5	A,B,C	Aggressive, fast growing vine; climbs by tendrils; 1/4 inch berries mature to a bright blue in the fall; adaptable to most soils; in one year may grow 15-20'.
<i>Aristolochia durior</i> Dutchman's pipe	2	5	A,B,C	Unusual, pipe-shaped, yellow-green flowers appear in the second year; needs sufficient moisture and drainage; may grow to 30' in a year.
<i>Campsis radicans</i> trumpet vine	2	5	A,B,C	15-inch-long, lustrous green leaves; clusters of orange, trumpet shaped flowers; may grow 10' in a year.
<i>Celastrus scandens</i> American bittersweet	3	5	All	Bright crimson berries with yellow-orange capsules, male and female plants must be planted for fruit production; rapidly spreading; twining vine; may grow up to 10' in a year.
<i>Clematis x jackmanii</i> Jackman clematis	2	5	All	Most popular garden clematis; a hybrid with wide-ranging flower color selections; blooms June to September; grows up to 12" in a year.
<i>Clematis macropetala</i> downy clematis	2	5	A,B	Large azure-blue flowers with interesting petal-like centers; grows up to 10' in a year.
<i>Clematis maximowicziana</i> sweetautumn clematis	2	5	A,B	Easy to grow; vigorous, twining vine; masses of fragrant, small, white flowers in late summer and early fall.
<i>Clematis montana</i> anemone clematis	2	5		Pinkish-red, star shaped flowers; needs periodic thinning; grows to 18" in a year.
<i>Clematis tangutica</i> golden clematis	2	5	A,B	Nice yellow flowered clematis; 4-inch-flowers; twining vine; grows 3 to 4" in a year.
<i>Hydrangea anomala petiolaris</i> climbing hydrangea	2	5	A,B,C	Attractive dark brown, papery bark; large flower clusters in June; root-like holdfasts; grows 5-7" in a year and reaches a total length of 40'.
<i>Lonicera x heckrottii</i> goldflame honeysuckle	2	5	A,B	Glossy bluish-green leaves; blooms in June and July; reddish-purple tubular petals with yellow insides; grows 3-4" in a year and reaches a total length of 7".
<i>Lonicera sempervirens</i> trumpet honeysuckle	2	5	All	Fast growing; twining vine; flowers are orange-red to red outside and yellow on the inside; will reach 10-15' at maturity.
<i>Parthenocissus quinquefolia</i> Virginia creeper	2	5	All	Vigorous growing; scarlet fall color; climbs with tendrils ending in sticky tips; grows 6-10' in a season; native .
<i>Parthenocissus tricuspidata</i> Boston ivy	2	5	A,B,C	Glossy dark green leaves, turns brilliant red in fall; will reach a total of length of 40'.
<i>Polygonum aubertii</i>	3	5	A,B	Twining vine; rapid grower; reaches a total length of 25'.

silver lace vine

Wisteria floribunda
Japanese wisteria

2

5

A,B,C

Very showy; blue, violet or white flowers appear on long racemes which make a graceful shower in May; use a grafted variety and heavy pruning for good flowering; twining stems require a sturdy support.